

Amendments to the Specification:

Please add the following heading and new paragraph after the Title and before the Background of The Invention in the published application.

GOVERNMENT LICENSE RIGHTS STATEMENT

The U.S. Government has rights in this invention as provided for by the terms of grant No. DMR 00-79909, awarded by the National Science Foundation.

Please replace paragraph [0078] of the published application with the following corrected paragraph.

[0078] In certain embodiments, in which the functional group is the chemical functional group, it is selected from the group consisting of an amino group, a hydroxyl group, a carboxy group, a —SO₃H group, a —SH group, an —OCN group, a phosphorous group, an epoxy group, a vinylic moiety, a silane coupling agent, an acrylate, a ~~methacrylate~~ methacrylate, a metal alkoxy group, and derivatives thereof. In certain embodiments, when the structure is silica, the functional group does not include an amino group.